
Solaris 10 for Experienced Solaris System Administrators

2 days

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Solaris 10 for Experienced Solaris System Administrators Course Overview

This Solaris Sun Microsystems training course is designed to teach experienced Sun Microsystems Solaris System Administrators the administration differences between previous versions of Solaris and Solaris 10. It will cover the main features that are either new or different in Solaris 10.

Skills Gained

The delegates will practise:

- Managing the Service Management Facility (SMF)
- Managing the ZFS File System
- Procedures to Create, Activate and Access a Zone (operating system virtualization)
- Managing Boot Procedures with GRUB
- Password and Login Control
- Packages and Patches
- Network Services
- Disk Management
- Jumpstart Installation
- Other Miscellaneous Features

Who will the Course Benefit?

The Solaris 10 for Experienced Solaris System Administrators training course is aimed at IT staff who are experienced in administrating a Sun Microsystem Solaris system up to version 9 who need to be familiar with the main Solaris 10 features.

Course Objectives

On completion of this course the delegate should be familiar with and understand the main features that are new or different in Solaris 10 and how these can be utilised for administrating a Sun Microsystems Solaris 10 system.

Requirements

Recent experience of administrating a Solaris system up to version 9.

Follow-On Courses

- Solaris Advanced Shell Programming Tools

- Apache Web Server
 - Oracle SQL
 - Oracle Overview Seminar
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Solaris 10 for Experienced Solaris System Administrators Training Course

Course Contents - DAY 1

Course Introduction

- Administration and Course Materials
- Course Structure and Agenda
- Delegate and Trainer Introductions

Session 1: SERVICE MANAGEMENT FACILITY

- Basic Features
- The SMF Environment
- SMF and Booting
- SMF Environmental Structures
- Service States
- Managing Services
- Listing Services with svcs and inetadm
- Managing the State of a Service with svcadm
- Configuring a Service with svccfg
- Managing the State of inetd Network Services with inetadm
- Exercise: Listing and managing the state of services

Session 2: ZFS

- Basic description
 - Requirements
 - Main Features
 - ZFS Tools
 - Managing ZFS pools
 - Managing File Systems
 - ZFS Properties
 - Exercise: Creating a ZFS Pool and File System
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Course Contents - DAY 2

Session 3: ZONES

- Basic Description
- Main Features and Benefits
- Zone Configuration Settings and Characteristics
- Configure, install and activate a Zone
- Customise a Zone
- User access to a Zone
- Managing Zone States
- Exercise: Creating, accessing and customising a Zone

Session 4: GRUB BOOT LOADER

- Booting from an INTEL system with GRUB
- Booting Procedures with GRUB
- GRUB Files
- Modifying the Boot Behaviour
- Exercise: Modify and test the default boot behaviour

Session 5: MISCELLANEOUS FEATURES

- Installation
 - Jumpstart
 - Class File Entry, Installation Client Processes
 - Flash Archives
 - Packages and Patches
 - User Passwords and Login Control
 - Network Services
 - DNS and NFS
 - Logging Network Services with syslog
 - Disk Management
 - Format command and EFI Labels
 - Volume Management
 - File Systems
 - Pseudo File Systems
 - The fsstat Command
 - Desktop Administration Tools
 - The Printer Manager
 - Gnome Desktop
 - SMC
 - Webmin
 - Documentation
 - Exercise: Open exercise for delegates to review session
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Follow-On Courses

- Solaris Advanced Shell Programming Tools
- Apache Web Server
- Oracle SQL
- Oracle Overview Seminar